



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



⑪ Publication number:

0 526 905 A3

⑫

## EUROPEAN PATENT APPLICATION

⑬ Application number: 92113463.1

⑮ Int. Cl.5: C12N 15/12, C12N 15/62,  
C12N 5/10, A61K 9/50,  
A61K 37/02, C12P 21/08

⑭ Date of filing: 07.08.92

⑬ Priority: 07.08.91 IL 99120

⑭ Applicant: YEDA RESEARCH AND  
DEVELOPMENT CO. LTD.  
P.O. Box 95  
Rehovot 76100(IL)

⑭ Date of publication of application:

10.02.93 Bulletin 93/06

⑯ Designated Contracting States:  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
NL PT SE

⑭ Inventor: Wallach, David  
24 Borochov Street  
Rehovot(IL)

⑭ Inventor: Brakebusch, Cord  
Salzdahlumer Weg 9  
W-3300 Braunschweig(DE)

⑬ Date of deferred publication of the search report:  
05.05.93 Bulletin 93/18

⑯ Representative: Vossius & Partner  
Siebertstrasse 4 P.O. Box 86 07 67  
W-8000 München 86 (DE)

⑯ Multimers of the soluble forms of TNF receptors, their preparation and pharmaceutical compositions containing them.

⑯ Multimers of the soluble forms of the tumor necrosis factor receptors (TNF-Rs) are provided. These multimers are produced either by chemical or by recombinant methods. The multimers of the

soluble forms of TNF-Rs are useful for protecting mammals (including humans) from the deleterious effects of TNF.

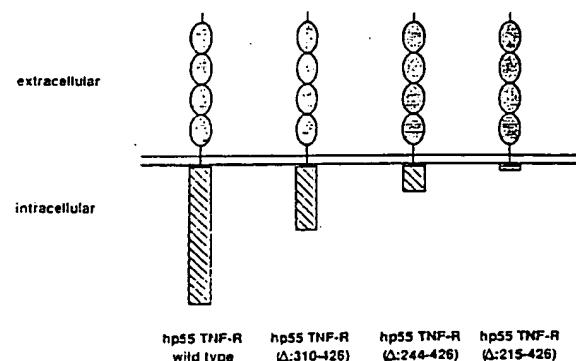


FIGURE 2



European Patent  
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 11 3463

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	EP-A-0 418 014 (IMMUNEX CORPORATION, US) 20 March 1991	1-4, 8-10, 13-27	C12N15/12 C12N15/62 C12N5/10
Y	* Page 6, lines 21-44; Page 8, lines 7-25, the claims *	5-7,11, 12	A61K9/50 A61K37/02 C12P21/08
D, Y	EP-A-0 398 327 (YEDA RESEARCH AND DEVELOPMENT COMPANY LTD, IL) 22 November 1990 * Page 2, lines 49-55; pages 7-10, the claims *	5-7	
Y	FRÈRE, J.M. ET AL. 'Les méthodes de purification et d'analyse des protéines' 1981, MASSON, PARIS, FRANCE * page 48 - page 49 *	11,12	
D, A	EP-A-0 308 378 (YEDA RESEARCH AND DEVELOPMENT COMPANY LTD, IL) 22 March 1989		
-----			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C07K
<p>The present search report has been drawn up for all claims</p>			
Place of search <b>THE HAGUE</b>	Date of completion of the search <b>04 MARCH 1993</b>	Examiner <b>S.A. NAUCHE</b>	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same parent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			